

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christopher Andrew Howe et al. Examiner: Armando Rodriguez

Serial Number: 10/521,383 Art Unit: 2828

Filing Date: September 14, 2005

Title: LASER SYSTEM

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 C.F.R. § 1.312

ENTER
9-16-2008
/AR/

Sir:

Please amend the application as follows.

Amendments to the Claims:

1-67. (Cancelled)

68. (Currently Amended) A laser system comprising:
a laser device for emitting laser radiation; and
a delivery device comprising a read/write device for storing information, said delivery device adapted to connect, in use, to said laser device for delivering said laser radiation;
wherein, in use, said laser device receives information from said delivery device, the information received from said delivery device is used to configure an operation of said laser device, and said laser device updates the information on said read/write device;
wherein the information includes an indication of an expiry date of said delivery device.

69. (Previously Presented) The laser system of claim 68, wherein said delivery device comprises an optical fiber.

70. (Previously Presented) The laser system of claim 68, wherein said laser device comprises a SMA connector for receiving an optical fiber.

71. (Previously Presented) The laser system of claim 68, wherein said laser device comprises a detector for detecting the connection of said delivery device.

72. (Previously Presented) The laser system claim 71, wherein, in use, said laser device interrogates said delivery device after said detector indicates that said delivery device has been connected to said laser device.

73. (Previously Presented) The laser system of claim 68, wherein, in use, said laser device interrogates said delivery device.

74. (Previously Presented) The laser system of claim 73, wherein said laser device interrogates said delivery device in a contactless manner.

75. (Previously Presented) The laser system of claim 68, wherein said delivery device receives, in use, at least one of or both power and electromagnetic pulse.

76. (Previously Presented) The laser system of claim 68, wherein said delivery device receives, in use, one of AC or RF energy, stores said energy, and transmits back to said laser device at least one of or both data and information using said stored energy.

77. (Previously Presented) The laser system of claim 68, wherein said read/write device comprises at least one of or both an AC or RF identification tag and an AC or RF transponder.

78. (Previously Presented) The laser system of claim 77, wherein said at least one of or both the AC or RF identification tag and the AC or RF transponder is embedded within or provided on said delivery device.

79. (Previously Presented) The laser system of claim 77, wherein said at least one of or both the AC or RF identification tag and the AC or RF transponder comprises a conductively coupled AC or RF identification tag.

80. (Previously Presented) The laser system of claim 77, wherein said at least one of or both the AC or RF identification tag and the AC or RF transponder comprises a capacitively coupled AC or RF identification tag.

81. (Previously Presented) The laser system of claim 77, wherein said laser device comprises an AC or RF identification reader for reading said at least one of or both the AC or RF identification tag and the AC or RF transponder.

82. (Previously Presented) The laser system of claim 81, wherein said AC or RF identification reader comprises an antenna, a transceiver and a processor.

83. (Previously Presented) The laser system of claim 81, wherein, in use, said delivery device transmits or returns a signal to said AC or RF identification reader.

84. (Previously Presented) The laser system of claim 68, wherein said information indicates a type of said delivery device.

85. (Currently Amended) The laser system of claim 68, wherein said information indicates a state, usage, ~~expiry date~~, age and model of said delivery device.

86. (Previously Presented) The laser system of claim 68, wherein said information indicates at least one of or both an intended use and function of said delivery device.

87. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device prevents operation with said delivery device upon receiving information from said delivery device.

88. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device prevents operation with said delivery device if said laser device does not receive any information from said delivery device.

89. (Cancelled)

90. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device prevents operation with said delivery device if said laser device receives information from said delivery device and wherein said information indicates a predetermined parameter.

91. (Previously Presented) The laser system of claim 90, wherein said parameter indicates a usage of the delivery device.

92. (Previously Presented) The laser system of claim 90, wherein said parameter indicates a sterility of the delivery device.

93. (Previously Presented) The laser system of claim 90, wherein said parameter indicates a type of the delivery device.

94. (Cancelled)

95. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device receives information from said delivery device and sets a power of laser radiation to be transmitted to said delivery device.

96. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device receives information from said delivery device and sets a pulse width of laser radiation to be transmitted to said delivery device.

97. (Previously Presented) The laser system of claim 68, wherein in a mode of operation said laser device receives information from said delivery device and sets an interval between pulses of laser radiation to be transmitted to said delivery device.

98. (Previously Presented) The laser system of claim 68, wherein a mode of operation said laser device receives information from said delivery device and sets the duration that laser radiation is to be transmitted to said delivery device.

99. (Previously Presented) The laser system of claim 68, wherein said laser device may be at least one of or both enabled and disabled remotely.

100. (Previously Presented) The laser system of claim 99, wherein said laser device may be at least one of or both enabled and disabled via a telephone link, serial interface or internet.

101. (Previously Presented) The laser system of claim 68, wherein said laser device comprises a visual display, said display being adapted to provide a user with information received from said delivery device.

102. (Cancelled)

103. (Currently Amended) A method of operating a laser system comprising:
providing a laser device;
connecting a delivery device to said laser device, said delivery device including a read/write device for storing information, said laser device receiving information from said delivery device;
using the information received from said delivery device to configure an operation of said laser device; and
updating the information on said read/write device;
wherein the information includes an indication of an expiry date of said delivery device.

REMARKS

With this Amendment, Applicant has proposed narrowing of the scope of independent claims 68 and 103. Specifically, Applicant has proposed incorporating the language of dependent claim 94 into independent claims 68 and 103. Minor changes were also made to claim 85 for consistency with the newly added language in claim 68. Also, dependent claim 94 was cancelled as it was incorporated into independent claim 68.

As these changes only further narrow the scope of allowed claims, Applicant believes that they require no substantial amount of additional work on the part of the U.S. Patent and Trademark Office and no additional search is needed. Accordingly, entry of this amendment is respectfully requested.

On September 8, 2008, the changes to the independent claims (claims 68 and 103) have been discussed with Examiner Rodriguez who has tentatively indicated that they will likely be entered so long as the changes further narrow the claim scope.

Should the Examiner feel that a telephone conference with Applicant's attorney would expedite resolution of this matter, the Examiner is urged to contact him at the number indicated below.

Respectfully submitted,

/Harry K. Ahn/
Harry K. Ahn, Reg. No. 40,243
Attorney for Applicant

Abelman Frayne & Schwab
666 Third Avenue, 10th Floor
New York, NY 10017
Tel. (212) 949-9022